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BENTON & SMITH NUT TREE NURSERY. SUPPLEMENTAL LIST FOR 1951-52.

PERSIAN WALBUTS.

が FEB 1 510年7 ☆ U. S. Depa. mant of Agriculture

Due to the fact that we have a large number of replacements to make and that we have a small supply of trees, due to serious damage to our grafting wood while in storage last spring, we cannot promise delivery on any new orders until all replacements have been made.

While older trees of the Carpathian strains of Persian walnuts, are very hardy (many varieties withstanding temperatures colder than -30° F.), the young grafts are considerably more tender the first fall and winter after grafting, especially to early fall freezes. This makes the establishment of plantings of these trees much more difficult than had been expected. It is also the cause of very serious loss to us, making many replacements neccessary. The season of 1950-51 was especially bad in this respect.

However the Carpathian strains of Persian walnuts are so very promising and are such a valuable addition to our horticulture that one can well afford extra efforts and disappointments in establishing plantings of them.

We have started the growing of stocks in a new location in an effort to avoid some of the damage to our first year grafts. However these stocks will not be large enough to graft onto before the spring of 1953.

Persian walnut trees should not be planted in the bottom of narrow valleys or other locations where late spring frosts are a serious problem, as they leaf-out very early in the spring and a late spring frost will kill back this tender fol iage and destroy that season's nut crop. The nuts are produced on the new growth. Secondary buds will produce leaves but not a nut crop.

MCKINSTER CARPATHIAN PERSIAN WALNUT - First prize winner in the 1949-50 contest held by the Northern Nut Growers Association. We have a few trees of the McKinster this season but they will probably all go to replace trees lost last season.

We hope to secure wood and grow trees of the 1950-51 contest winners, for sale next season. (1952-53)

With Persian walnut as well as all other species of nut trees, we advise buying the larger sizes of grafts, that is of grafts the same age. Not because you get a few more inches or feet of wood growth at time of purchase, but because the larger grafts have demonstrated that they are on stocks that promote fast growth. Such trees will generally continue to be fast growing in future years.

The smallest walnut grafts (2-3 and under two feet) are generally slow growing. However they will begin to bear some nuts nearly as soon as will the faster growing grafts. This suggests that there may

a place for them, the same as for dwarf fruit trees, with those who have a limited space and must plant rather close together, possibly as chose as 25 to 30 feet. While in time they may make large trees, it will take them much longer to do so and thus will not crowd nearly as soon as will the faster growing trees.

The will accept orders for Persian walnut trees with the undersstandian that we will full such orders when we have the trees. We will full orders in the order in which we recheve them. Sowerer we wish that you do not send money to pay for the trees until we nextly you that we have the use s for you. At which time you can cancel the order if your plans have changed.

HEARTNUTS.

We have a fair supply of heartnut trees, all two year old grafts. Our heartnut wood was all spoiled in storage last spring, thus no one year old grafts.

In addition to the varieties shown in our catalogue, we have a few trees of Gellatly. A good variety from British Columbia.

BLACK WALHUTS.

We have a fair supply of black walnut trees.

Of the varieties shown in our catalogue, we can furnish trees as follows;

BENTON - Only two and three year old grafts.

KRAUSE - Only one year old grafts.

PINECREST - Only two and three year old grafts.

SNYDER - One, two and three year old grafts.

SPARROW - One, two and thre year old grafts.

THOMAS - Only two and three year old grafts.

TROUP - Only one year old grafts.

In addition to the above mentioned varieties, we can supply trees of the following varieties;

BRIX ~ A large nut which cracks very well. It has shown-up well in our test planting here. We can supply only two and three year old grafts.

ELMER WYERS - A popular variety with many growers. Noted for a very thin shell. Medium size. We can supply only two and three year old grafts.

- LEARN A large nut that cracks welland is showing much promise in our test planting. We can supply only two and three year old grafts.
- MINTLE A popular variety with many growers and is showing promise here. We can supply only two and three year old grafts.
- OHIO One of the first varieties to be named. A large nut which crocks well. It is showing much promise in our test planting here. We can supply only two and three year old grafts.
 - STAMBAUGH 1st prize winner in the N. N. G. A. contest of 1926. This variety is quite susceptable to leaf spot or walnut anthrachose. If one has the facilities for spraying his trees, it is one of the very bost black walnuts. We can supply only two and three year old grafts.
 - TODD One of the largest of the named varieties. It cracks well and shows much promise here. We can supply only two and three year old grafts.

Prices on black walnut trees are as quoted in our catalogue, except that we have some large three year old grafts which are over eight feet tall, at \$4.00 each. These will make bearing trees sooner than will the smaller trees. We have had good luck in transplanting trees of this size here.

HICKORIES.

We have a fair supply of hickory trees, both in No.1 and No. 2 trees. Prices are as quoted in our catalogue.

We can supply trees of all the varieties shown in our catalogue and in addition can supply trees of the following varieties;

BEEMAN - Shagbark. A Connecticut variety, very good,

BIXBY - Hican. Very large nut.

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BRIDGEWATER - Shagbark. A very large shagbark which cracks well and is of good quality. A rather outstanding variety.

- BURLINGTON Hican. One of the older of the named varieties.
- CEDAR RAPIDS Shagbark. A very good nut of good size, cracks well and is of good quality.
- CLARK Shagbark. A very promising variety.
- DES MOINES Hican. Reported to be a very good hican.
- GLOVER Shagbark. One of the very best of the hickories.

- HAGEN Shagbark. Reported to be very good.
- HAND Shagbark. A very good one.
- KENTUCKY Sharbark, A very good one. Hardy in North.
 - LINCY-TELLER Shagbark. " very promising variety.
- Mark of Shagbark. Of far northern origin.
- L NETICEN Shagburk. One of the very best of the shagbarks.
- SIMATION Shagbark or hybrid. It appears to us to be a hybrid. It is avery good nut and bears well,
- TAYLOR Stagbark. One of the older varieties. Said to be very good,
- TRIPLETT Shagbark. A very large shagbark. Cracks well and is of very good quality.
 - WESCHCKE Shagbark. Ripens very early. A very good nut.
- WHITNEY Shagbark. 1st prize winner Chio contest of 1934.

CHINESE CHESTNUTS

We have a fair supply of one year old seedling trees. They are small. Price is 75¢ per tree.

We have a few two year old seedling trees at \$1.00 each.

Chinese chestnuts are easily grown. Here you can take advantage of the cheaper seedling trees and still stand a very good chance of securing good trees.

Our stock appears to be very blight resistant. No blight has occurred on any of the trees in the planting from which we secured our soul. These crees bear well and the nuts are of good size and quality. Our trees have also withstood -30° F. without anjury.

PRICES.

We are not making any changes in our prices, they remain as they are in our catalogue. However, due to the high cost of packing massial, we are making a PACKING CHARGE OF \$1.00 FER ORDER, OH AID ORDERS FOR LESS THAN FOUR TREES. There will be no packing charge on orders for four trees, or more.

We do not have and never have had any bunch disease of walnuts.